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# Royal Geographical Society,

1864.

## REPORT OF THE COUNCIL,

READ AT THE ANNIVERSARY MEETING ON THE 23RD MAY.

THE Council lay before the Royal Geographical Society a general statement of its affairs classed under the heads of "Number of Members," "Finances," "Arrears," "Past and Present State of the Finances," "Publications," "Royal Premium or Donation," "Objects proposed in inaugurating the Society," "Revision of the Regulations," "Treasurer," "Library," "Accessions to Library," "Accessions to Map-room," "Means used to enlarge the Map-room Collection," "Instruments," "Grants to Travellers."

The Council have the pleasure to report that the administration of the Society's affairs continues to be efficiently carried out under the five permanent working Committees of Council, originally indicated in the Report of 1853, and into which the Council is divided, as provided for in Section 8 of Chapter VI. of the lately revised Regulations, viz. :—

1. Regulations and Bye-laws.
2. Finance and House.
3. Library, Maps, &c.
4. Publications.
5. Expeditions.

And the regulations requiring the Vice-Presidents, twice or oftener in every season, to examine in detail the state of the household, the Assistant Secretary's department, and the amount of care displayed in keeping the official books, and the library, including the maps, drawings, and instruments, are carried out.

*Number of Members.*—The Council have to report that since the last Anniversary Meeting there have been elected 233 \* new

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* Ordinary .. .. .	184
Compounding .. .. .	31
Honorary .. .. .	18

Members ; and that within the same period there have occurred 61 vacancies, of which 32 are by death and 29 by resignation, and of these 9 are Life-Compounders. The Council have also had the satisfaction of recently enrolling amongst the Fellows of the Royal Geographical Society a number of distinguished foreigners, whose names and claims, as set forth in the list in Appendix F., will show that their election is justly merited.

The Society, according to the List of Fellows corrected up to April, 1864, consists at present of 1907 Members, of whom 498 are Life-Compounders, and 1409 are nominally Life-Subscribers, besides 4 Honorary and 65 Honorary Corresponding Members.

The number of Members who, according to the list corrected up to 1st January, 1863, compounded for their annual subscriptions was 461, and 1409 were Annual Subscribers—total, 1750 Members ; so that, after deducting the casualties, there are 37 additional Life-compositions and 120 annual paying Members, making a total increase of 157 Members, Annual, and Life-Subscribers.

*Finances.*—The Council have again the satisfaction of making a favourable report of the Society's funds, although the expenses of the year have been considerable, from the charge of the donation to Dr. Shaw appearing in this year's accounts, as sanctioned at the last Anniversary Meeting.

The accompanying Balance-sheet (*vide* APP. A.) for the year ending 31st December, 1863, and bearing the signatures of three of the four Auditors, in proof of the accounts being regularly and duly vouched for, shows that the estimated receipts and expenditure laid before last year's Meeting have differed from the actuals, but in a way favourable to the Society ; the receipts estimated having been stated at 4,502*l.* 10*s.*, exclusive of the cash in hand ; whereas the actuals amounted to 5,256*l.* 9*s.* 3*d.*, exclusive of the cash balance. The estimated expenditure also was put down at 5,747*l.* 5*s.* 2*d.*, or at 3,897*l.* 5*s.* 7*d.*, excluding the money proposed to be invested ; but the outlay, exclusive of the cash and amount invested, was only 3,655*l.* 4*s.* 1*d.* The difference between the actual receipts and actual outlay has left a surplus balance in hand of 1,601*l.* 5*s.* 2*d.* ; and by a diminution of the cash-balance kept in hand, from 1,244*l.* 15*s.* 2½*d.*, at which it stood on 31st December, 1862, to 1,008*l.* 10*s.* 4½*d.* on 31st December, 1863, the Council

have had available for investment in the Funds a sum of 1,837*l.*, for which there has been purchased 2,000*l.* amount of Stock in Three per Cents.

The differences between the estimated and actual receipts are occasioned by the collections for annual subscriptions, life compositions, recoveries of arrears and entrance fees, having exceeded the estimate made at the beginning of the year. The expenditure, on the other hand, as regards the cost of the Journal, and salaries and office expenses, has fallen below the estimate; whilst the portion of the expenditure in excess of the amount in the estimate in respect to the items of gratuities, rent, and taxes, is but trifling, the excess thereon having amounted to 80*l.*

No private money donations have been received this year.

The current accounts standing against the Society at the close of the year are all in course of liquidation, and every endeavour is to be made to pay, all charges as they are incurred, or within the year; measures having been taken to ensure in future, as far as practicable, an immediate or at least a very early settlement of all liabilities, as well as to enforce a more speedy payment of sums due to the Society. And, in accordance with the suggestions of the Auditors, a monthly concurrent audit of the charges, receipts and transactions will be fully effected before the close of the year.

The Estimate (*vide* APP. B.) for the present year, ending 31st December, has been carefully prepared; and, as no unusual expenses are anticipated, the Council hope to find the results of the year as favourable to the Society as for the past year, and the funds thus becoming available may be applied for more extensively carrying out the objects and general operations for which the Society was formed.

*Arrears.*—The arrears of subscription owing to the Society on the 1st January last, amounted to about the sum of 600*l.* due from various members, of which it has been found impossible to recover, up to the present date, more than 174*l.* Of the remainder the Council expect to recover about 250*l.*, but regret to have to report that from various circumstances the recovery of the balance, amounting to about 150*l.*, is very uncertain, and it will probably be lost. In order, however, as far as possible to limit any future increase to the number of defaulters, the Council have

determined to enforce the rule first proposed in the Council's Report at the Anniversary Meeting of the year 1849, and now entered in the Statutes under Chapter IX., Paragraph 3 ; and by means of arrangements to be made for carefully examining in future the monthly progress of the payments, it is hoped that the great difference hitherto observable between the number of Fellows on the rolls of the Society, and the number of paying Members, will gradually diminish.

*Past and Present State of the Finances.*—The financial position of the Society has greatly improved during the last fifteen years, as the following tabulated statements will indicate.

At the first Meeting of the Society, on the 16th July, 1830, it was resolved, "That such part of the Funds of the Society as may not be required for current expenses be placed in the Public Securities and vested in the names of three Trustees." And in the Report laid before the Meeting of 1832 it was stated that the Council had resolved, "That the Compositions be set apart as a Capital Stock, to be lodged in Government or other unexceptionable Securities, and kept at least equal to the amount of the compositions of all compounding members alive at any given time ; whilst the annual subscriptions, with the interest on this Stock, and other items of accruing income, will be disposable to meet the current expenses of the year."

The Funded Capital of the Society, consisting at the beginning of 1863 of 7,500*l.*, and at the close of the year 1863 of 9,500*l.* New 3 Per Cent. Government Stocks, was increased during the past year by the purchase of 2,000*l.* Stock for a cash payment of 1,837*l.* 10*s.*, and since the 1st January of this current year an addition has been made by funding a sum of 896*l.* 5*s.*, for which 1,000*l.* New 3 Per Cent. Stock has been purchased, making a total of 10,500*l.* Stock, yielding an annual income of 315*l.*, as the reserve Fund of the Society up to this date.

The amount invested in the Consols is equivalent at par to the compositions of only 420 Compounding Members, calculating for each at the existing rate of 25*l.*, which is 8*l.* in excess of the former sum of 17*l.*, at which the composition of several was originally made. And as the numbers of all the living Life Members at present are 498, the Funded Property may still be considered by some Fellows to be less in amount than the

Rules of the Society require; and, in order that the finances should be placed on a solid basis, the total of the Funded Property may be considered as insufficient until it reaches the sum of 12,450*l.*, instead of only 10,500*l.*, as at present, supposing the commutation payments at the rate of 25*l.* for each member were invested. But from inquiry, it is understood that other Societies are prepared to commute the annual subscriptions of all members for a sum equivalent to ten years' subscriptions; and as two pounds is the annual amount paid by each Fellow, the Stock now invested, viz., 10,500*l.*, is fully equal to the Funded Property necessary to cover the commutation payments.

STATEMENT showing the RECEIPTS and EXPENDITURE of the Society from the Year 1848 to the 31st Dec. 1863.

STATEMENT showing the Progress of the INVESTMENTS of the Society from the Year 1832 to the 31st Dec. 1863.

Year.	Cash Receipts within the Year.			Cash Amounts invested in Funds.			Deducting Amounts invested in Funds; actual Expenditure.	End of the Year, Dec. 31.	Cash invested.	Amount of Stock purchased.
	£.	s.	d.				£. s. d.		£. s. d.	£. s. d.
1848	696	10	5	..	..		755 6 1	1832	3657 10 0	4900 0 0
1849	778	3	0	..	..		1098 7 6	1833	4130 0 0	4500 0 0
1850	1036	10	5	..	..		877 2 10	1834	4426 0 0	4800 0 0
1851	1056	11	8	..	..		906 14 7	1835	4426 0 0	4800 0 0
1852	1220	3	4	..	..		995 13 1	1836	4426 0 0	4800 0 0
1853	1917	2	6	..	..		1675 6 0	1837	4426 0 0	4800 0 0
1854	2565	7	8	..	..		2197 19 3	1838	4426 0 0	4800 0 0
1855	2584	7	0	..	..		2636 3 1	1839	4129 15 0	4500 0 0
1856	3372	5	1	533	10 0		2814 8 1	1840	3788 10 0	4150 0 0
1857	3142	13	4	378	0 0		3480 19 9	1841	2801 0 0	3150 0 0
1858	3089	15	1	..	..		2944 13 6	1842	2801 0 0	3150 0 0
1859	3471	11	8	950	0 0		3423 3 9	1843	2219 18 6	2578 4 4
1860	6449	12	1	466	17 6		5406 3 7	1844	2219 18 6	2578 4 4
1861	4792	12	9	1358	2 6		3074 7 4	1845	2219 18 6	2578 4 4
1862	4659	7	9	1389	7 6		3095 19 4	1846	1933 1 0	2278 4 4
1863	5256	9	3	1837	10 0		3655 4 0	1847	2133 1 0	2502 6 2
<p>In 1856 a Treasury Grant of 1000<i>l.</i> for the East African Expedition received.</p> <p>In 1860 a Treasury Grant of 2500<i>l.</i> for the East African Expedition received.</p>								1848	1886 16 8	2224 1 10
								1849	1886 16 8	2224 1 10
								1850	1886 16 8	2224 1 10
								1851	1886 16 8	2224 1 10
								1852	1886 16 8	2224 1 10
								1853	1662 14 10	2000 0 0
								1854	1662 14 10	2000 0 0
								1855	1662 14 10	2000 0 0
								1856	2216 4 10	2600 0 0
								1857	2594 4 10	3000 0 0
								1858	2594 4 10	3000 0 0
								1859	3544 4 10	4000 0 0
								1860	4011 2 4	4500 0 0
								1861	5369 4 10	6000 0 0
								1862	6758 12 4	7500 0 0
								1863	8596 2 4	9500 0 0

*Publications.*—The 32nd Volume of the Journal of the Society, which was announced as ready at the last Anniversary, has been brought out during the past season ; and the Council are sanguine that the valuable papers it contains will greatly add to the usefulness of the Royal Geographical Society. The 33rd Volume of the Journal is now in the press, and would have been published before this, but for the death of the Assistant Secretary. The 7th Volume of Proceedings, containing five numbers, of which three have been published since last Anniversary, has also been completed, and Nos. 1, 2, and 3 of Volume VIII. printed ; these will be found to contain *in extenso* several interesting Papers, though less important than those in the Journal.

The Council have also the satisfaction to announce, that Colonel Yule, c.b., has undertaken to prepare an Index to the Journals from Volumes XX. to XXX., and from the years 1851 to 1860 inclusive ; and as the first two Indexes to the Journals (from Volumes I. to X.—from the year 1831 to 1840—and from Volumes XI. to XX.—from the year 1841 to 1850) were prepared and delivered to the Members of the Society—the first Index at cost price, and the second free of charge (as set forth in the Council Reports of 1843 and 1853)—the Council now propose that a copy of the new, or third Index, when completed, should, on the precedent of the last Index, be delivered to the Members free of charge, thereby facilitating a reference to the important subjects contained in the Volumes of the Society.

The public institutions, societies, and individuals supplied with copies of the Journals, Proceedings, and publications, are 126 in number, as set forth below,\* a detailed list being also annexed (*vide* p. lxxxv.) ; and, as it is important that an exchange of publications should be effected, the Council propose to institute inquiries, as to how far the object is attained by the existing presentations, and whether further exchanges could be made.

The Council regret to report that the sale of the Journal and of the Society's Proceedings is very inconsiderable, and the unsold

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* Great Britain and Ireland	..	..	..	..	45
Europe	..	..	..	..	48
Asia	..	..	..	..	7
Africa	..	..	..	..	2
America	..	..	..	..	17
Australasia	..	..	..	..	7

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stock large; but their disposal is still under consideration, as well as the measures necessary to make the publications more generally available for purchase.

*Royal Premium.*—At a Meeting of the Council of the Society on the 4th November, 1830, the announcement was made through Sir Robert Peel, one of His Majesty's Principal Secretaries of State, that His Majesty had been pleased to direct that an annual payment of fifty guineas should be made from the Privy Purse to the Society, to constitute a yearly Royal Premium for the encouragement of Geographical Science and Discovery. In the Report for 1836 the Council announced that His Majesty had been pleased to approve of converting a portion of the Royal Donation into a Medal, and of one particular device for it; and in the 1839 Report it was announced that the annual donation continued to the Society by Her Majesty should be converted into two Gold Medals of exactly equal value, to be designated the Founder's Medal and the Patron's Medal respectively.

*Royal Premium Awarded.*—The Patron's, or Victoria Gold Medal, has been awarded to Captain Grant, of the Indian Military Forces, for his journey from Zanzibar across Eastern Equatorial Africa to Egypt, in company with Captain Speke, and for his contributions to the work of that explorer. The Founder's Gold Medal for the encouragement of Geographical Science has been awarded to Baron C. Von der Decken, for his two Geographical Surveys of the lofty Mountains of Kilima-ndjaro, which he determined to be capped with snow, and to have an altitude of not less than 20,000 feet.

The sum of 25 guineas for the purchase of a Chronometer or other Testimonial, has also been awarded to the Rev. Gifford Palgrave for his adventurous journey in and across Arabia.

*Objects proposed in inaugurating the Society.*—The original Prospectus, dated 24th May, 1830, inaugurating the Society, provided for the aggregation of the vast store of Geographical information existing in Great Britain, but then so scattered and dispersed as to be nearly unavailable to the public; and declared, amongst other objects, that the Society would collect, register, digest, and print for the use of the members and the public at large, in a cheap form and at certain intervals, such new, interesting, and useful facts and discoveries as the Society may have in its possession, and may from time



to time acquire. The other objects were to accumulate gradually a Library of the best Books on Geography, a selection of the best Voyages and Travels, and a complete collection of Maps and Charts, as well as such documents and materials as may convey the best information to persons intending to visit foreign countries. Also, to procure specimens of such instruments as experience has shown to be most useful, and best adapted to the compendious stock of a traveller; to prepare brief instructions for such as are setting out on their travels; to render pecuniary assistance to such travellers as may require it; to correspond with similar Societies abroad, and open communication with all the Philosophical and Literary Societies with which Geography is connected.

The terms on which the grant of the first of the Royal Premiums would be conferred, were settled by resolutions passed at a Council Meeting held on 15th January, 1831; but as the conditions on which the rewards for the two first years were to be awarded, and on which they would be given in subsequent years, have never yet been fully complied with, the Council avail themselves of this Annual Report to bring under notice the originally published requirements, as still fully applicable:—

“To the author of the best memoir, accompanied by sufficient plans and views, which shall describe in detail any important and unpublished discovery made by the candidate in any branch of Geography, provided that the same be considered worthy of this distinction.”

The Council consider as coming within the meaning of this proposition,—

“A detailed account of any excavation or research made by the candidate, the result of which is the establishment of any lost site of antiquity, and the recovery of any object sufficiently important to History, Science, or the Arts.”

Also, that His Majesty's Premium will be given “to the author of the best work transmitted to the Society of the following nature:”—

“A Travellers' Manual, containing a clear and concise enunciation of the objects to which a Geographer's attention should be especially directed; a statement of the readiest means by which the desired information in each branch may be obtained; a list of the best instruments for determining positions, measuring elevations and distances, observing magnetic phenomena, ascertaining tem-

perature, climate, &c. ; directions for adjusting the instrument, formulæ for registering the observations, and rules for working out the results ; adapted to the use not of the general traveller alone, but also of him who in exploring barbarous countries may be obliged to carry, and often conceal, his implements.”

Further, at future periods, to propose the following as prize subjects :—

“An essay on the actual state of Geography in its various departments, distinguishing the known from the unknown, and showing what has been and what remains to be done in order to render it an exact science ; together with an indication of the best processes to be adopted in order to supply the several desiderata.”

“An extensive series of Geographical Tables (with reference to authorities), showing the various names, written in the native language and character, by which the same places have been known in different countries and at successive periods of history.”

“The best mechanical inventions for facilitating the acquisition of geographical knowledge, for rendering it more available to the public.

“Under this head may be included the simplification of instruments, more compendious methods of determining positions, and all improvements in the art of drawing and engraving maps, whereby their precision and distinctness may be increased, and greater scope and expression given to what may be called the language of topography.”

The Council propose during this year to notify that premiums and other testimonials will be offered as encouragements for the best works on any of the subjects above set forth. It is now trusted that the improved state of the funds will shortly enable the Society to carry out in a more extensive form than hitherto, the original objects of the able founders of the Geographical Society.

*Revision of the Regulations.*—The Regulations, with the Charter of the Society, were presented to the Fellows of the Society in the year 1860 ; but as the supply of copies has been exhausted, and a few changes in the Rules have been made, the Council directed that the various alterations in the former edition of the Regulations, as set forth and sanctioned at the Anniversary Meetings, should be embodied, and a new set of the Regulations printed, copies of which are now laid before the Meeting.

*Treasurer.*—The Council regret to report the death on the 28th

February, 1864, of Mr. Robert Biddulph, the second Treasurer since the establishment of the Society, and the son of the first Treasurer ; having been appointed on his father resigning the office on account of declining health. On that occasion the Council appointed (as stated in the 1845 Report) the Treasurer, trusting to the same being approved, and on that precedent they have appointed as Treasurer Mr. Reginald T. Cocks, one of the partners of the late Mr. Biddulph, and this appointment they hope will be approved. On the occasion of appointing a new Treasurer it may be advisable to point out that his responsibilities and duties are important and extensive. The Treasurer is one of the three Trustees in whose names are vested the funds of the Society, with special charge of all accounts, and the duty of collecting all sums due to the Society ; appointing a Collector for whom he is responsible, the money collected being immediately paid over to the Bankers of the Society. The Treasurer keeps, in concert with the Secretaries, a complete list of all the Fellows of the Society, with the name and address of each accurately set forth ; such List, with the other books of Account, being laid on the table at every ordinary Meeting of the Council. The Treasurer pays all accounts due by the Society, as soon as they have been examined and approved by the Council, and his accounts are annually audited by two Fellows of the Society.

*Library.*—In the Report for 1850 the Council had the satisfaction of intimating the preparation of a Catalogue, alphabetically arranged, of the books and pamphlets belonging to the Society, supplying a want long felt. In the 1852 Report, the revision and printing of the Catalogue was announced, and its issue to the Members of the Society made known in the Report of 1853. Subsequently, a classified Catalogue, arranged under the geographical divisions of the globe to which the works refer, having been prepared a few years since by Mr. F. Galton, and the manuscript additions made thereto consequent on the yearly accessions to the Library, having rendered the references somewhat difficult, the Council considered the reprinting of those useful works of reference so essential for facilitating access to the Library, that a revision has been undertaken, and the Council hope to be able to report at the ensuing Anniversary Meeting that they were completed, printed, and issued before the end of the year 1864.

*Library Accessions.*—Since the last Anniversary Meeting 71

volumes of books have been bound, and the Accessions to the Library by purchase and donation during the same period comprise 541 volumes of books and pamphlets. Of these 86 volumes have been purchased, a list of which is laid on the table.

*Map-Room Accessions.*—The additions to this department during the past year consist of 413 sheets of Maps and Charts, viz. 99 Charts and 314 Maps;\* Philip's Atlas, complete; Part 3 of Atlas of High Asia by the Schlagintweits; Moll's Atlas (small size); 25 sheets of an Atlas of Fortified Towns; 2 Models and 5 Views. The Maps, &c., obtained by purchase have hitherto been but few in number.

Among the above may be especially noticed the following, viz.:—

Coello's Map of Spain, 10 sheets.

Belgium, Provinces of, on various scales, by Vander Maelen.

Sweden, 5 sheets of Geological Map, by A. Erdman.

Bavaria, 1 sheet of Government Atlas.

Angola, S. Africa, on 2 sheets, by Visconde de sa da Bandeira.

Island of Java, by W. F. Versteig.

Model of Gibraltar and of the Lines of Torres Vedras, by  
R. T. Wilde.

Two Ancient Maps of Africa, from Ptolemy's Atlas.

Bolivia, by J. Ondarza.

Indian Atlas, 13 sheets.

High Asia, and Buddhish in Tibet, by the Schlagintweits.

Hessen, Geological Map, 2 sheets.

Atlas der Industrie- und Handelsgeographie, 3 sheets.

Netherlands, 10 sheets of Topographical Atlas.

Admiralty Charts.

Maps from the Ordnance and Topographical Dépôts.

*Means used to enlarge the Map-Room Collection.*—The Council continuing strongly impressed with the necessity of enlarging the Map collection, have received from the Secretaries of State for War, for India, and also the Admiralty, and from the Ministers of Foreign Governments, assurances that they will readily co-operate in adding to the Society's stock the Maps and Charts more recently published. They further add that, considering the liberality with which access to the Map-Room is given to the Public

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\* All of which have been mounted, and incorporated in the Society's collection.

and the great facilities thus afforded for diffusing information, the enlargement of the Society's stock is of national importance; and they appeal to the liberality of the Public and the Members for donations. The replies from the Secretaries of State for India and War, and the Admiralty, and from the Ministers and Ambassadors, as entered in Appendix D. will doubtless be read with great satisfaction: the Council are sanguine that the Officers and Government of India, and Colonel Sir H. James, will most readily respond to the authority given by the Secretary of State, and supply the Society with many valuable additions to the Map-Room. The contributions from the Foreign Governments will also furnish many books and maps at present greatly needed to fill up important blanks in our Collections.

The Council are also fully alive to the necessity of making available for this purpose some portion of the Government Donation of 500*l.* per annum; the object of the Grant being as stated in Vol. 24, page vi., viz.—“That Her Majesty's Ministers have felt themselves justified in tendering a yearly Grant of 500*l.*, in order that an apartment be provided in which the Society's valuable collection of Maps and Charts may be made available for general reference.” And as this grant was made in 1854—ten years ago—and but a trifling sum has been as yet laid out in maps, &c., the Council are of opinion that by means of a considerable portion of the funds available, the Map-Room collection may be increased, and put into a more complete state than it at present is.

*Instruments.*—The importance of carrying out the original object of the Society, of procuring specimens of such instruments as experience has shown to be most useful and best adapted to the compendious stock of a traveller, will be kept in view.

In order to encourage the production of suitable instruments, such as experience has shown to be most useful and best adapted to the compendious stock of a traveller, the Council, in the Report of 1860, intimated (*vide* APP. C.) that a prize of 50*l.*, or a Gold Medal, would be awarded to the designer or maker of the most serviceable reflecting instrument for the measurement of angles; but though the premium was announced in the two subsequent Annual Reports, yet, up to this date, no instrument of adequate merit has been offered to the Society. The Council propose to consider the Prize still open for competition, and measures will be taken to make the notice more generally known.

Since the last Anniversary, with a view to make the Instruments more accessible to travellers, a room has been set apart and the Instruments properly arranged, upon the recommendation of the Vice-President, Admiral R. Collinson. The list is on the table, and will be published with the Catalogues. Further arrangements are in contemplation for making the Collection more generally available and useful to all classes.

The Collection has been made by the donations of Members, and those articles that require repair will first be put into an efficient state, then being available for beginners to learn their use. The Instruments purchased by the Society are mostly lent to travellers, who still retain possession of them. (See page cv.)

Several of the London makers of Instruments are understood to be quite willing to deposit specimens of Instruments, after they have been verified at Kew Observatory as to completeness, thereby enabling the Council to carry out the 3rd Article of Regulations, as proposed at the formation of the Society, viz.—“To procure specimens of such Instruments as experience has shown to be most useful, and best adapted to the compendious stock of a traveller, by consulting which he may make himself familiar with their use.” (See Vol. I, page vi.)

In the Instrument-Room the additional supplies may be arranged in three or four sets to suit the requirements of the traveller (the prices being attached), and in cases with slings, ready for field use : a great convenience to those about to travel, and who, being limited as to time, would thereby save expense, and ensure for themselves good instruments instead of the indifferent ones they have now hurriedly to pick up where best they can.

Travellers, after using these instruments, may also be called upon to report on them and suggest improvements.

The preparation and completion of diagrams illustrating the use of Instruments and the laws of reflection, will be kept in view and the diagrams when constructed will be hung round the room.

*Grants to Travellers.*—The sum of 50*l.* was sent to M. Rohlfs Gerard on the 10th February, 1864, to assist him in his projected journey from Morocco towards Timbuctoo ; and the Council have at present a proposal under the consideration of Government for the exploration of the Nile from Egypt, for which a sum of 1000*l.* will be made available.

## APPENDIX A.

BALANCE-SHEET FOR THE YEAR 1863.										Cr.				
Dr.														
					£.	s.	d.	£.	s.	d.				
To Balance in Banker's hands, 31st Dec., 1863					1211	6	8	By Salaries	..	..	827	10	0	
To Balance in Secretary's hands					33	8	6	Wages, Collector's Pay and Gratuities (including 500 <i>l.</i> voted to Dr. Norton Shaw by the Council, 25th May, 1863)	..	..	718	0	0	
Subscriptions of 1226 Fellows					2448	0	0	Rent, Taxes, and House Expenses	..	..	562	15	10	
Life Compositions of 43 Fellows					1071	0	0	Library and Map Room	..	..	220	10	9	
Entrance Fees of 214 Fellows					645	0	0	Publications and Illustrations	..	..	894	2	9	
Arrears of Subscriptions					163	6	0	Office Expenses, &c.	..	..	286	9	9	
								Gold Medals, &c.	..	..	124	15	0	
Parliamentary Grant								Subscriptions, &c., returned	..	..	21	0	0	
Subscriptions, &c., overpaid								Total Expenditure during 1863	..	..	3655	4	1	
Advertisements								Addition to Funded Property	..	..	1837	10	0	
Sale of Publications, &c.								Balance in Banker's hands	..	..	991	1	8	
Rent of Stables								Balance in Chief Clerk's hands	..	..	17	8	8	
Amount received for Stationery and Postage of Foreign Books														
Half-year's Dividend on 8500 <i>l.</i> New 3 per Cents.					122	14	5				1008	10	4	
Half-year's Dividend on 9500 <i>l.</i> New 3 per Cents.					138	6	11				2846	0	4	
Total					..	..		Total of Year's transactions	..	..	£6501	4	5	
REGINALD T. COCKS, <i>Treasurer.</i>					Audited the 30th March, 1864.					T. H. BROOKING, G. BALFOUR, CHARLES WHITE. } <i>Auditors.</i>				

## APPENDIX B.

## ESTIMATE FOR THE YEAR 1864.

<i>Receipts.</i>		<i>Expenditure.</i>	
	£. s. d.		£. s. d.
Cash Balance on 1st January, 1864	.. .. 1008 10 4	Journal, Proceedings, and Publications	.. .. 900 0 0
Annual Subscriptions	.. .. 2600 0 0	Rent, Taxes, and House Expenses..	.. .. 600 0 0
Life Compositions	.. .. 750 0 0	Salaries (for whole of Staff) and Wages	.. .. 1100 0 0
Entrance Fees	.. .. 360 0 0	Library and Map-Room ..	.. .. 200 0 0
Arrears of Subscriptions	.. .. 150 0 0	Office Expenses, Postage Stamps, &c.	.. .. 300 0 0
Royal Premium Grant for 2 Years..	.. .. 105 0 0	Gold Medals and other Awards	.. .. 100 0 0
Parliamentary Grant	.. .. 500 0 0	Estimated Total of Cash Expenditure ..	.. .. 3200 0 0
Sale of Publications, &c.	.. .. 100 0 0	To be invested in Stocks ..	.. .. 896 5 0
Dividends and small Receipts	.. .. 400 0 0	Available for the furtherance of Geography	.. .. 1110 0 0
		Cash Balance on 31st December, 1864..	.. .. 767 5 4
Total	.. .. £5973 10 4	Grand Total	.. .. £5973 10 4



## APPENDIX C.

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*Prize of £50 or a Gold Medal to the Designer or Maker of the most serviceable Reflecting Instrument for the Measurement of Angles.*

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The Council of the Royal Geographical Society having taken into consideration the importance of Reflecting Instruments to practical geographers, and acting under the belief that many improvements in sextants and circles have been devised, both in this country and abroad, which are not generally known and have never been adequately combined in a single design, have determined to offer a prize of 50*l.* to the designer or maker of that Reflecting Instrument which shall in their opinion most nearly fulfil the following conditions, in addition to that of general accuracy:—

1. Portability ; simplicity of packing ; security from concussion.
2. Capability of measuring large angles.
3. Independence of natural or detached horizon.
4. Distinctness in reading off, by day and by night.
5. Convenience in handling ; adaptability to stand for use in field.
6. Efficiency of adjustments.
7. Power of measuring faint objects.

The divided arc to be from 3 to 8 inches radius.

The instruments to be sent in cases, suited for immediate use in land travel.

The instruments will be received at the Society's rooms until the close of the present year.

## APPENDIX D.

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### *Copies of Letters relating to Maps and Charts.*

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Admiralty, 18 December, 1863.

SIR,—I have received and laid before my Lords Commissioners of the Admiralty your letter of the 14th inst., and I am commanded to acquaint you that orders have been given for the regular supply of *all Admiralty Charts* to the Map-room of the Royal Geographical Society, as requested by the Council.

I am, Sir, your very humble servant,

(Signed)

W. G. ROMAINE.

To SIR RODERICK MURCHISON, &c.,  
15, Whitehall Place.

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Albert Gate House, 18 Dec. 1863.

L'Ambassadeur de France présente ses compliments à Sir Roderick Murchison, et a l'honneur de l'informer qu'il s'est empressé de transmettre à son Gouvernement le désir exprimé par la Société Royale de Géographie, qui faisait l'objet de la lettre de Sir Roderick Murchison en date du 14 de ce mois.

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Legacion de Espana en Londres,  
19 Dec. 1863.

SIR,—In answer to your favour, dated the 14th inst., in which you express your regret for not receiving of late years the Maps, Charts, and other Geographical and Topographical Works published by Her Catholic Majesty's Government, I have the pleasure to state to you that I shall lose no time in communicating, through Her Majesty's Government, with the proper Department on this subject, in order to ascertain the cause of the omission pointed out in your letter; and you may be persuaded that the Spanish Government will remedy such deficiencies, according to your desire, and provide for the transmission of future geographical publications.

I have the honour to be, Sir,

Your very obedient servant,

JUAN COMYN.

To SIR RODERICK MURCHISON.

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Legation of Denmark, 2, Great Cumberland Street, W.  
Dec. 21, 1863.

SIR,—I beg to acknowledge the receipt of your letter of the 14th inst., requesting that the Royal Geographical Society might be supplied with each Map, Chart, and other Geographical and Topographical Work as are published in Denmark, under the auspices of the Government.

I have not failed to submit this request to my Government and recommend that it be acted upon.

I have the honour to be, Sir,  
Your obedient servant,

TUBEN BILLE.

To SIR R. MURCHISON, K.C.B., &c.

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Ambassade de Russie à Londres,  
Londres, le 23 Dec. 1863.

MONSIEUR,—En réponse à la lettre que vous m'avez fait l'honneur de m'adresser sous la date du 14 de ce mois, je m'empresse de vous faire savoir que j'ai porté à la connaissance du Gouvernement Impérial le désir que vous m'exprimez de la part de la Société Royale Géographique, relatif à la continuation de l'envoi de cartes et ouvrages géographiques et topographiques, publiés en dernier lieu sur l'Empire de Russie.

Dès que la réponse à ce sujet me sera parvenue de St. Petersburg je me ferai un agréable devoir de vous en informer, Monsieur, en vous priant de la porter à la connaissance de la Société Royale Géographique.

Recevez en attendant, Monsieur, l'assurance renouvelée de ma considération très distinguée.

E. BRUNNOW.

To SIR R. MURCHISON, K.C.B., &c.

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Prussian Embassy, London, Jan. 5, 1864.

SIR,—In acknowledging the receipt of your letter of the 14th of last month, respecting the wish of the Council of the Royal Geographical Society for transmission of the Maps, Charts, and other Geographical and Topographical Works published in Prussia, I beg to inform you that I have communicated the contents of your letter to His Prussian Majesty's Government, and that I shall not fail to acquaint you of the result.

I have the honour to be, Sir,  
Your obedient servant,

BERNSTORFF.

To SIR R. MURCHISON, K.C.B., &c.

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Portuguese Legation, Jan. 2, 1864.

SIR,—Having returned a few days ago from the Continent, I had the honour to receive your letter of 14th Dec., and can assure you it will give me much pleasure to obtain from Lisbon the Maps, Charts, &c., you refer to; but as it would be very difficult to ascertain *there* what numbers are desired, I should feel much obliged if a list of the Charts, &c., already received by the Royal Geographical Society could be made out, or at least of those last received, and up to what time; by this means it would be more easy to comply with the wishes of the Royal Geographical Society, and I would lose no time in making their request known to my Government.

I have the honour to be, Sir,

Your most obedient servant,

(Signed)

LAVRADIO.

To SIR R. MURCHISON, K.C.B.,  
*President of the R. G. S.*

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War Office, Pall Mall, S.W., Jan. 11, 1864.

SIR,—I am desired by Earl de Grey and Ripon to acknowledge receipt of your letter of the 14th ult., and to inform you that directions have been given to furnish the Royal Geographical Society with all the Maps on the one-inch scale and the six-inch scale, which appear to be deficient according to the list which accompanies your letter.

Earl de Grey desires me to add that the whole series of the six-inch and one-inch Maps will continue to be regularly supplied to the Royal Geographical Society as heretofore, immediately after their publication; but that His Lordship considers that the Maps of the Ordnance Survey on the larger scales cannot be required for the purposes of the Society.

I am further to inform you that Earl de Grey has directed that the Maps published by the Topographical Department of the War Office (as distinguished from the Ordnance Survey Office) shall also be furnished to the Royal Geographical Society.

I am, Sir, your obedient servant,

EDWARD LUGARD.

To SIR R. MURCHISON, K.C.B.,  
*President of the R. G. S.*

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Jan. 12, 1864.

SIR,—In reference to the list of deficiencies of the Ordnance Survey Maps required for the Royal Geographical Society, I have to inform you that Sheets 9, 11, 13, of the one-inch scale of Scotland cannot be

supplied at present as the plates are in the battery, but that impressions will be forwarded as soon as possible.

Sheets 29, 39, and 57 are in the hands of the engravers, and cannot be supplied.

I have the honour to be, Sir,  
Your obedient servant,

H. HELSHAM JONES, Capt. R.E.

*The Secretary,  
Royal Geographical Society, London.*

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India Office, S.W., 2nd April, 1864.

SIR,—I am directed by the Secretary of State for India in Council to acknowledge the receipt of your letter of the 6th of Feb. last, and to acquaint you in reply that Sir Charles Wood will have much pleasure in presenting to the Royal Geographical Society copies of such Maps published by the Indian Government in this country as can be spared, and that instructions have been sent to the Government of India to forward copies of the Maps which have been or may be published in India under the auspices of the Surveyor General's Department, for presentation to the Society.

I have the honour to be, Sir,  
Your obedient servant,

HOWARD MELVILL.

SIR R. MURCHISON, K.C.B., &c.

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## APPENDIX E.

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NAMES of distinguished Foreigners, who have recently been added by the Council to the list of HONORARY CORRESPONDING MEMBERS of the ROYAL GEOGRAPHICAL SOCIETY:—

BARTH, Dr. Heinrich .. .. . *Berlin.*

Gold Medallist of the Royal Geographical Society, author of many publications on African Geography. Now engaged in the issue of an elaborate treatise on the languages of Northern Africa. President of the Berlin Geographical Society.

DUFOUR, General .. .. . *Berne.*

Director of the Topographical Department of Switzerland. The faithful Maps of that country, issued under his supervision, have earned the grateful acknowledgments of English travellers of widely different vocations.

KHANIKOF, M. .. .. . *Russia.*

Eminent as an Asiatic traveller and geographer; author of a well-known work on Bokhara.

LINANT PASHA .. .. . *Alexandria.*

The earliest explorer of the White Nile, and otherwise distinguished as an Egyptian geographer.

PETERMANN, Dr. Augustus .. .. . *Gotha.*

Originator and Editor of the well-known 'Mittheilungen;' in which capacity he has contributed, more than any other person in Germany, to disseminate a wide knowledge of sound geography.

RAIMONDY, Don Antonio .. .. . *Lima.*

Author of a work on the Amazonian provinces of Peru. Now engaged in exploring the unknown parts of that Republic.

SCHERZER, Dr. Karl, Ritter von .. .. . *Vienna.*

Editor of the 'Voyage of the *Novara*.' Eminent as an American geographer and ethnologist.

BERBRUGGER, M. M. .. .. . *Algiers.*

Author of 'Algérie historique et monumentale.' Editor of the 'Revue Africaine,' Algiers.

DANA, Professor J. D. .. .. . *New Haven, Connecticut.*

Distinguished as a physical geographer and naturalist. Author of various memoirs, including essays on the Origin of the great features of the Earth.

DUVEYRIER, Henri .. .. . *Paris.*

Known by his travels in the Sahara, notices of which have appeared from time to time in the Transactions of the French Geographical Society.

FAIDHERBE, Col., French Governor of the Senegal, West Africa—  
*Senegal, West Africa.*

Eminent for his successful encouragement of geographical enterprise in the French Colony of the Senegal.

FIGANIÈRE, Command. Jorgé César, Foreign Office, Lisbon *Lisbon.*

Distinguished for his researches into the ancient geographical records of the Portuguese Empire.

FORCHHAMMER, Professor .. .. . *Kiel.*

Professor in the University of Kiel. Eminent for his writings on Denmark, on Greece, and on the Troad.

LEAL, José da Silva Mendes, Minister of the Colonies, Lisbon—  
*Lisbon.*

A statesman actively engaged in the development of the resources of the Portuguese possessions in Africa.

SCHEDA, Herr von .. .. . *Vienna.*

Director of the Imperial Institute of Military Geography.

TSCHUDI, Herr von .. .. . *Vienna.*

Traveller, naturalist, and writer on Peru. Author of a well-known work on Switzerland.

DECKEN, Baron Carl von der .. .. . *Hanover.*

Explorer of Kilima-njaro in East Africa, to which region he is preparing a new Expedition at great cost, and wholly at his own expense.

FREMONT, General .. .. . *New York.*

Explorer in the Rocky Mountains, and Gold Medallist of the Royal Geographical Society.